

CLAIMS

What is claimed is:

1. Hydro-mount comprising a support bearing and an end bearing which support each other by means of a spring element made of a resilient material, the spring element enclosing a work space filled with a damping liquid, characterized in that the spring element (3) is made of a material resistant to high temperatures and that on the side facing the work space (5) said spring element is provided with a protective layer (6) made of a material that is resistant to the damping liquid (4) and impervious thereto.

2. Hydro-mount according to Claim 1, characterized in that the spring element (3) is made of a silicone elastomer.

3. Hydro-mount according to Claim 1 or 2, characterized in that the spring element (3) is configured essentially in the form of a truncated cone.

4. Hydro-mount according to one of Claims 1 to 3, characterized in that the spring element (3) and the protective layer (6) are connected by adhesion.

5. Hydro-mount according to one of Claims 1 to 3, characterized in that the spring element (3) and the protective layer (6) are connected to each other adhesion-free.

6. Hydro-mount according to one of Claims 1 to 5, characterized in that the protective layer (6) covers the entire surface (7) of the spring element (3) facing the work space (5) and is at least in partial touching contact with it.

7. Hydro-mount according to Claim 6, characterized in that the protective layer (6) is in complete touching contact with the surface (7).

8. Hydro-mount according to one of Claims 1 to 7, characterized in that the protective layer (6) consists of EPDM.

9. Hydro-mount according to one of Claims 1 to 8, characterized in that the ratio of the thickness of the spring element (3) at its thickest point to the thickness of the protective layer (6), both considered in the longitudinal direction of the hydro-mount, amounts to at least 2.

10. Hydro-mount according to one of Claims 1 to 9, characterized in that the protective layer (6) has a thickness from 1 to 8 mm.

11. Hydro-mount according to one of Claims 1 to 10, characterized in that the protective layer (6) has the same thickness in all parts thereof.